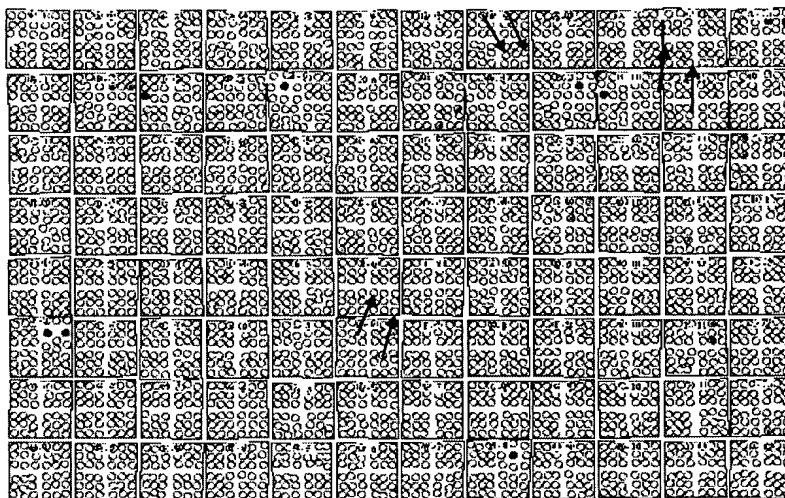


09920061.080101

Figure 1

A



B

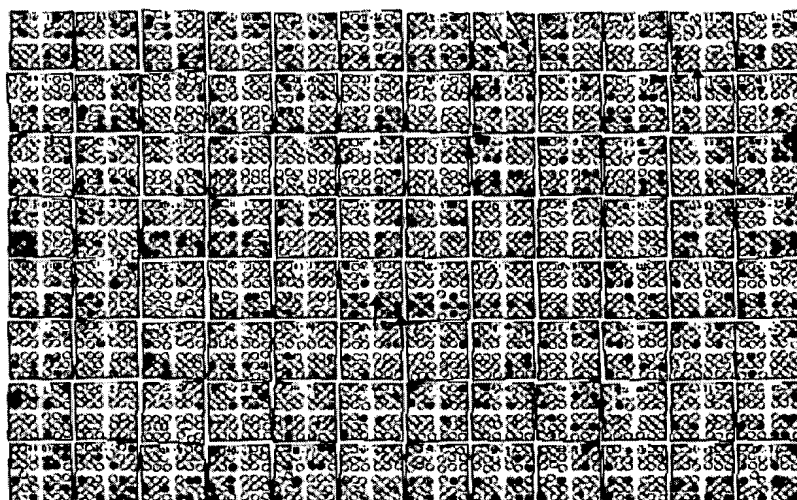


Figure 2

Differentially expressed genes	intact skin	wound	intact skin	wound
	control animals	control animals	dexamethasone	dexamethasone
SW1368	1,00	148,90	0,70	181,50
SW1695	1,00	0,24	0,94	0,61

Differentially expressed genes	intact skin	wound	intact skin	wound
	young mice	young mice	old mice	old mice
SW1368	1,20	170,70	0,80	204,60
SW1695	0,44	0,07	0,65	0,10

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Figure 3

Differentially expressed genes	intact skin	wound	intact skin	wound
	control mice	control mice	diabetic mice	diabetic mice
SW1368	1,00	561,60	2,20	284,40
SW1695	1,00	0,07	1,01	0,08

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Figure 4

No.	NAME	PROTEIN-MOUSE*	Seq ID No.	PROTEIN-HUMAN*	Seq ID No.	CDNA-MOUSE*	CDNA-HUMAN*
1.	SW1368	SEQ ID No. 1	1	SEQ ID No. 2	2	SEQ ID No. 5	SEQ ID No. 6
2.	SW1695	SEQ ID No. 3	3	SEQ ID No. 4	4	SEQ ID No. 7	SEQ ID No. 8

*: SEQ ID numbers of the sequence listing

Figure 5

1	MNQ	-----LNSSGT	-----VESALNYSRGSTVHTAYLVLSL	AMFTCLCGMAGNSMV	Hum_sw1368																																									
1	MGESNGEAF	LAFKT	SASPTAPVT	TNPMDETLP	GSINIRIIIPKLMIIIFGLVGLMGNAILV	Mouse_sw1368																																								
49	IWLLGFRMHRN	PF	CIYIILNLA	ADLLFLFS	-----MASTLSLETQPLVNTTDKVHEL	Hum_sw1368																																								
61	FWLLG	FHLR	NAF	SVYIILNLA	ADLLFLFS	IIASTIFLLKVS	YLSI---IFHL	CFNTIIM	Mouse_sw1368																																					
106	YFAY	TVGLS	LLTAISTQR	CLSVLP	FIWFKCH	RRHLSAWVCG	LLWTLCLLMNGL	TSSSFCS	Hum_sw1368																																					
118	MVVY	ITGI	SM	LSAISTEC	CLSVLCPT	WTMYRCH	RPVHTSTVMCA	VIWVLSLLICILN	SYFCA	Mouse_sw1368																																				
166	KFI	-KF	NEDR	-CFR	VDMMVQA	ALIMGV	LTPVMTL	SSLTLEFVW	VRSSQQWRRQPT	RLFVVV	Hum_sw1368																																			
178	V	LH	TRYD	N	NECLATN	IFTASYMIF	LVVLC	LSSLA	LARLFCGAGQ	--MKL	TRFHTI	Mouse_sw1368																																		
224	L	ASV	L	VFLICS	LPLSIYWFV	LYWLS	LPPEMQVI	-----CF	SLSR	LSSSVSS	ANPVIYFLV	Hum_sw1368																																		
235	L	TLLV	FL	CG	LPFVI	YCIL	LF--KIKDD	FHVLDVN	LYLA	IEVIT	A-INS	CANP	IIYFFV	Mouse_sw1368																																
280	G	SRR	SHR	L	P	TRSL	GT	VL	QQAL	REEPE	-----LEG	GETPT	VTG	TNEMG	-----A																															
292	G	S	FR	-H	Q	LKH	QT	L	K	MV	LQ	S	A	L	Q	D	T	P	E	T	A	E	N	M	V	E	M	S	S	N	K	A	E	P	G	G	H	V	Y	P	D	V	P	D	Y	A

All boxed mouse sequences exactly match the human sequence Hum_sw1368.

Figure 6

1	MDPTTPAWGTESTTVNGNDQALLLCGKETLIPVFLILFIALVGLVGNQFVLWLLGFRMR	Hum_sw1695
1	MDIDISSLGIIYIIAPNGSSYTNSVDQFFKIQVMGFLSIIISPVGMLNSTVLWFLGFQIR	Mouse_sw1695
61	RNAFSVYVLSLAGADFLFLCFQIINCLVYLSNFFCISINFPSEFTTVMTCAYLAGLSMI	Hum_sw1695
61	RNAFSVYIINLAGADFLFIHSQF--LIFYLLAIFPSIPIQIEFLFDMLTKFAYISGLSIL	Mouse_sw1695
12	STVSTERCLSVLWPIWYRCRRRPRHLSAVVCVLLWALSLLLSILEGKFCGFLFSDGDSGWC	Hum_sw1695
11	STISIERCICVMWPIWYRCQRPRHTSSVTCSLLWALSLLFALLDGMGCGLLFNSFDQSWC	Mouse_sw1695
18	QTFDFITAAWLIIFLMVLCGSSLALI-VRILCGSRGLPLTRLYLTILLTVLVFLLCGLPF	Hum_sw1695
17	LKFDLIICAWSIIVLFVVLGSSIHPTCXRFICGSQQIEVTRLYVTIALTVISFIIDCLPF	Mouse_sw1695
24	GIQWFLILWIWKDSDVLFCHIHVPVSVVLSSLNSSANPIIYFFVGSFRKQWRLLQQPIKLKLA	Hum_sw1695
23	GISW-IIQWSETLIYVGFCQDYFHEELFLSCINSCANPIIYFIVG-FIRQRKQQKSLKVL	Mouse_sw1695
30	LQRALQDIAEVDHSEGCFRQGTPEMSRSSLV	Hum_sw1695
29	LQRAMEDTPEEENEDMGPSRNPEEFETVCSN	Mouse_sw1695

All boxed mouse sequences exactly match the human sequence Hum_sw1695.

Figure 7

	intact skin	1 h wound	day-1 wound	day-5 wound	day-14 wound
Rel. human SW1368 Expression	1,00	1,79	1,82	1,59	5,21

Figure 8

Target gene	intact skin ulcer	wound edge of ulcer patients	wound ground of ulcer patients
human SW1368	1,00	0,00	1,74
human SW1695	1,00	0,00	0,00